

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

James Howard JOHNSTON et al

Serial No.:

10/518589

Filed:

December 21, 2004

For:

IMPROVEMENTS IN OR RELATING

TO WET OXIDATION

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §\$1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached excluding U.S. patents and publications.

Documents AB-AF, AI-AK and AM-AN listed on the attached Form PTO-1449 were cited in the International Search Report. A copy of the ISR is attached.

Document AO listed on the attached Form PTO-1449 is mentioned on page 27 of the instant specification.

In accordance with 37 CFR §1.97(b)(1) or (2), this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, or within three months of the date of entry into the national stage of the above-identified application as set forth in 37 CFR §1.491. Accordingly, no fee is required.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By:

John C. Holman

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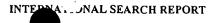
Atty. Dkt. No.: P70315US0

Date: March 16, 2005



International application No. PCT/NZ03/00128

Α.	CLASSIFICATION OF SUBJECT MATTER							
Int. Cl. 7:	A62D 3/00; C02F 1/72, 1/74, 1/78, 1/04; C07B 33/00							
According to International Patent Classification (IPC) or to both national classification and IPC								
В.								
Minimum documentation searched (classification system followed by classification symbols)								
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched								
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) DWPI: wet oxidation								
C. .1	DOCUMENTS CONSIDERED TO BE RELEVANT							
Category*	Citation of document, with indication, where appropriate, of the relevant passages							
X	CA 2,249,945 A (UNITED STATES FILTER CORPORATION) 1 April 2000 Whole document							
X	EP 431 932 B (NIPPON SHOKUBAI CO., L Whole document	1-41						
EP 560 505 A (ZIMPRO PASSAVANT ENVIRONMENTAL SYSTEMS, INC.) 15 September 1993 Whole document								
X Further documents are listed in the continuation of Box C X See patent family annex								
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance or theory underlying the invention "E" earlier application or patent but published on or after the international filing date "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone								
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family								
"P" document published prior to the international filing date but later than the priority date claimed								
ł '	ual completion of the international search	Date of mailing of the international search report						
27 August 20	003 ing address of the ISA/AU	- 2 SEP 2003 Authorized officer						
AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaustralia.gov.au Facsimile No. (02) 6285 3929		GAYE HOROBIN Telephone No: (02) 6283 2069						



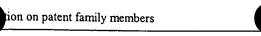


International application No.

PCT/NZ03/00128

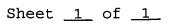
Category*	Citation of document, with indication, where appropriate, of the relevant passages US 5,240,619 A (COPA et al.) 31 August 1993 Whole document					
X						
X	US 6,190,564 B (LEHMANN et al.) 20 February 2001 Whole document					
x	WO 97/05073 A (U.S.FILTER/ZIMPRO, INC.) 13 February 1997 Whole document					
X	US 5,651,897 A (LEHMANN) 29 July 1997 Whole document	1-41				
X	WO 97/36663 A (UNITED STATES FILTER CORPORATION) 9 October 1997 Whole document					
x	WO 88/06144 A (AKTIESELSKABET NORDISK KABEL-OG TRAADFABRIKER et al.) 25 August 1988 Whole document					
Α	AU 67711/90 A (NIPPON SHOKUBAI KAGAKU KOGYO., LTD) 6 June 1991 Whole document	1-41				

which are merely given for the purpose of information.



This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars

Patent Document Cited in Patent Family Member Search Report CA 2249945 -ÜS 6126662 .AU 60737/99 EP 1119311 NZ 511597 WO 200021455 EP 431932 US 5145587 JΡ 3224693 EP 560505 IN178648 Ъ 5337477 US 5262060 US 5240619 CA 2095803 EP 610616 MX 9304013 US 6190564 NONE WO 9705073 ΑÜ 66497/96 CN 1192194 US 5651897 US 5651897 ΑU 66497/96 CN 1192194 WO 9705073 WO 9736663 ΑU 25987/97 WO 8806144 ΑÜ 13676/88 DK 5715/88 EP. 284754 ÚS 5053142 US 5370801 **CA** 19931116 -AU67711/90 JP 3224692 4118095 JP END OF ANNEX ATTY. DOCKET NO.: P70315US0



WASHINGTON, D.C. 20004-2201

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

GROUP ART UNIT:

SERIAL NO.:		10/518589				ecember 21, 2004	
APPLICANT(S):		: <u>JOHN</u>	STON et al	TODAY'S DATE: <u>Ma</u> :		rch 16, 2005	
*****	*****	*****	******	****	*****	*****	****
				ATENT DOCUMENTS			
*EXAMINER		DOCUMENT				SUB-	FILING DATE
INITIAL		<u>NUMBER</u>	DATE	NAME	<u>CLASS</u>	<u>CLASS</u>	If Appropriate)
	AA	4384959	05/24/83	Bauer et al	210	<u>739</u>	
	AB	5240619	<u>08/31/93</u>	<u>Copa et al</u>	210	<u>752</u>	
	AC	<u> 5651897 </u>	<u>07/29/97</u>	Lehmann	210	<u> 761</u>	
	AD	6190564	02/20/01	<u>Lehmann et al</u>	210	741	·
****	****	****	*****	*****	****	*****	*****
			FOREIGN	PATENT DOCUMENTS			
		DOCUMENT				SUB-	TRANSLATION
		NUMBER	DATE	COUNTRY	<u>CLASS</u>	<u>CLASS</u>	YES) (NO)
	ΑE	2249945	04/01/00	Canada			
	AF	67711/90	06/06/91	<u>Australia</u>			
	AG	229937	<u>06/25/91</u>	New Zealand			
	AH	501183	09/04/01	New Zealand			
	ΑI	0431932A1	06/12/91	Europe			
	AJ	0560505A2	09/15/93	Europe			
	ΑK	WO88/06144	08/25/88	WIPO			<u>i</u>
	\mathtt{AL}	WO96/13463	05/09/96	WIPO			Abstract
	AM	WO97/05073	02/13/97	WIPO			
	AN	WO97/36663	10/09/97	WIPO			
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	OTHER	ART (Includ	ing Author,	Title, Date, Per	tinent Pa	ages, E	tc.)
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AO <u>Kolaczkowski et al, CHEM ENGIN JOUR 73, 1999, pgs. 14</u> <u>air oxidation: a review of process technologies and a</u>							
		all Oxidati	on: a revie	sw or brocess rect	morodies	and as	spects
EXAMINER				DATE CONSIDERED		·	
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* EXAMINE	R: Initial	l if reference consid	lered, whether or	not citation is in conformanc	e with MPEP 60	9; Draw lir	ne through citation

if not in conformance and not considered. Include copy of this form with next communication to applicant(s)